



PATENT APPLICATION

CERTIFICATE OF MAILING/FACSIMILE TRANSMISSION (37 CFR 1.8)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is (XXXX) being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box. 1450, Alexandria, Virginia 22313-1450 or () being transmitted by facsimile to the U.S. Patent and Trademark Office. (Fax No. 703 872 9306) (_ pages). This facsimile is being sent from (908) 429-3650.

Maria T. Sanchez

(Print Name)

Date: November 23, 2004

Signature)

Docket No. 2003US313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Ralph R. DAMMEL

Art Unit: 1752

Serial No. 10/748,778, filed December 29, 2003

Examiner: NOT ASSIGNED

For: PHOTORESIST COMPOSITION

INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF THE FIRST OFFICE ACTION (37 CFR 1.97 (b))

November 23, 2004

Mail Stop <u>Amendment</u>
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

1.

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

Enclosures accompanying this Information Disclosure Statement are:

Form PTO-1449.

	10	. 🖂	exception that copies of US Patents and US Patent Application Publications are not enclosed as the present application was filed after June 30, 2003 and the Patent Office has waived the requirement to enclose such documents under 37 C.F.R. § 1.98(a)(2)(i) pursuant to the Official Gazette announcement dated 05 August 2003. (If box not checked, see item 8a. below).
	1c	. 🗆	An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report - attached as annex to PCT/ISA/206 (If box checked, see item 8a. below).
	1d	. 🗌	English language abstract (complete or relevant portion(s)) or English language equivalent attached to each non-English language publication (see item 9c or 9e).
	1e	. 🗆	Explanations of Relevancy of References (ATTACHMENT 1(d), hereto) for providing a concise explanation of each non-English publication.
	e la	tter of	nformation Disclosure Statement is filed under 37 CFR §1.97(b) three months after the U.S. patent application filing date or the first merits. Accordingly, no fee or §1.97(e) Statement is required.
3. after the of Allowa		Office	nformation Disclosure Statement is filed under 37 CFR §1.97(c) Action on the merits, but before a Final Office Action or a Notice
or / morra		За.	The §1.97(e) Statement in Item 5 below is applicable. Accordingly, no fee is required.
		3b.	The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.
4. 🗌		after	nformation Disclosure Statement is filed under 37 CFR §1.97(d) the Final Office Action or the Notice of Allowance, but before ent of the Issue Fee.

	The §1.97(e) Statement (Item 5 below) is applicable.				
	to red \$130.	quest c .00 fee	the Commissioner is hereby made under 37 CFR §1.97(d) onsideration of this Information Disclosure Statement. The set forth in 37 CFR §1.17(i) is to be charged to Deposit 03-2060.		
5.	State	ment U	Inder §1.97(e) (applicable if Item 3a or Item 4 is checked)		
	5a.	State office	In accordance with 37 CFR §1.97(e)(1), it is stated that item of information contained in this Information Disclosure ment was cited in a communication from a foreign patent in a counterpart foreign application not more than three his prior to the filing of this Information Disclosure Statement.		
	5b.	State office of the inform	In accordance with 37 CFR §1.97(e)(2), it is stated that no of information contained in this Information Disclosure ment was cited in a communication from a foreign patent in a counterpart foreign application and, to the knowledge undersigned after making reasonable inquiry, no item of nation contained in this Information Disclosure Statement known by any individual designated in §1.56(c) more than months prior to the filing of this Information Disclosure ment.		
6.			ntinuation/divisional/continuation-in-part application under 37 b). (Check appropriate Items 6a and/or 6b and/or 6c).		
	6a.		Copies of the publications listed on Form PTO-1449 from prior Application Serial No., filed on, of which this application claims priority under 35 USC §120 have been omitted pursuant to 37 CFR §1.98(d) except those listed in 6b. below.		
	6b.		Copies of the following publications listed on Form PTO-1449 which were not previously cited in prior Application Serial No, filed on, of which this application claims priority under 35 USC §120, are provided herewith:		
	6c.		Copies of the publications listed in Item 1c. above are listed on Form PTO-1449 but are not included as they were.		

7.		This is a continuation/divisional application under 37 CFR §1.53(d). (Check either Item 7a or 7b.)				
		7a.		The Issue Fee has not been paid.		
		7b.		A Petition to Withdraw from Issue under 37 CFR §1.313(b)(5) has been granted. A continuation application under 37 CFR·§1.53(d) after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii).		
8.			is a Su <i>8a or 8</i>	pplemental Information Disclosure Statement. (Check either		
		8a.		This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on		
		8b.		This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97(i), mailed (MPEP 609, Form ¶6.51, July 1997.)		
9.		prese		nce with 37 CFR §1.98, a concise explanation of what is nderstood to be the relevance of each non-English language s:		
			(Ched	ck appropriate Items 9a, 9b, 9c and/or 9d)		
		9a.		satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent and Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68)).		
		9b.		set forth in the application.		
		9c.		satisfied because an English language equivalents are attached to each non-English language publication as follows:		

		9d.		enclosed as Attachment 1(d), hereto.
		9e.		attached in abstracts in the English language as follows:
10.		is co sear forei	nsidere ch has gn app	ion is made that the information cited in this Statement is, of ed to be, material to patentability nor a representation that is been made (other than search report(s) from a counterpablication or a PCT International Search Report, if submitte 37 CFR §§1.97(g) and (h).
11.		any	additio	nissioner is authorized to credit any overpayment or chargonal fee required under 37 CFR §1.17 for this Informatio Statement and/or Petition to Deposit Account No
				Respectfully submitted,
				Attorney for Applicant(s) Alan P. Kass (Reg. No. 32142) 70 Meister Avenue Somerville, New Jersey 08876
	Custo	omer N	No. 26,2	Telephone: (908) 595-3890 289 Telefax: (908) 429-3650

DIPE										
CERTIFICATE OF MAILING BY/FIRST CLASS MAIL (37 CFR 1.8) Docket No.										
	pplicant(s): Ralph R. DAMMEL 2003US313									
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit						
10/748,778	December 29, 2003	PADEMAR NOT ASSIGNED	26,289	1752						
Invention:										
РНОТО	PHOTORESIST COMPOSITION									
		. Charles A.D.								
I hereby certify that t	his <u>Information Disc</u>	closure Citation - 2 Pages (Identify type of correspondence)		· · · · · · · · · · · · · · · · · · ·						
is being deposited w	rith the United States Po	stal Service with sufficient postage as	first class mail in	an envelope						
addressed to "Comr	nissioner for Patents, P.	O. Box 1450, Alexandria, VA 22313-1	450" [37 CFR 1.8	B(a)] on						
	November 23, 2004									
	(Date)									
		MARIA T. S (Typed or Printed Name of Pers)		(anaa)						
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		(Signature of Person Mai	ung Correspondence)							
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Docket No. CERTIFICATE OF MAILING BY FIRST CLA \$\$ MAIL (37 CFR 1.8) NOV 2 6 2004 Applicant(s): Ralph R. DAMMEL 2003US313 Application No. Filing Date Customer No. Examiner **Group Art Unit** December 29, 2003 NOT ASSIGNED 26,289 10/748,778 1752 Invention: PHOTORESIST COMPOSITION "Diamondoid Hycrocarmons - Delving into Nature's Bounty", Alan P. Marchand, Science, Vol. 299, 3 January 2003, pps. 52-53 I hereby certify that this (Identify type of correspondence) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on November 23, 2004 (Date) **MARIA T. SANCHEZ** (Typed or Printed Name of Person Mailing Correspondence) Signature of Person Mailing Correspondence) Note: Each paper must have its own certificate of mailing.

1	DE				Docket Number (Optional) 2003US313		Application Number 10/748,778		
6	INFO	RMATION DISCLOSURI	E CITATION ary)		Applicant(s) Ralph R. DAMME	L			
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NOV		Sel	U.S	S. PATENT	DOCUMENTS				
EXAMINER	DEMO REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS		G DATE OPRIATE
		5,019,660	5/28/1991	Chapm	an et al.				
		6,783,589 B2	8/31/2004	Dahl et	al.				
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	Γ	·	U.S. PATENT	T APPLICA	ATION PUBLICATIONS			·····	
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	1	G DATE OPRIATE
		2002/0177743 A1	11/28/2002	Dahl et	al.				
		2003/0199710 A1	10/23/2003	Liu et a	ı l.				
	·		FORE	IGN PATE	NT DOCUMENTS		-		
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Trans YES	slation NO
·			OTHER D	OCUMEN	TS (Including Aut	thor, Title, Date, P	Pertinent Pages, Etc	c.)	
		"Diamondoid Hyci Vol. 299, 3 Janua	rocarmons – Dei ry 2003, pps. 52	lving into !-53	o Nature's Bounty", A	Alan P. March	and, Science,	•	
		"Isolation and Stru J. E. Dahl et al., S	acture of Higher Science, Vol. 299	r Diamon), 3 Janua	doids, Nanometer-Si ary 2003, pps. 96-99	zed Diamond	Molecules",		
EXAMINER	₹				DATE CONSIDERED				
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Form PTO-A820 (also form PTO-1449)

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		-	2003US313	10/748,778			
INFO		TYON DISCLOSURE CITATION Use several sheets if necessary)	Applicant(s) Ralph R. DAMMEL				
OS AN	OV 2 6	5 m. 5	Filing Date December 29, 2003	Group Art Unit 1752			
*EXAMINER		GOTHER DOCUMENTS (Including Author	r, Title, Date, Pertinent Pages, Etc.)				
	TOEM!	"A Novel Polymer For A 193-nm Resist and Technology, Vol. 9, No. 3 (1996), p	st", K. Nozaki et al., Journal of Pho	otopolymer Science			
		"Design of cycloolefin-maleic anhydride Vol. 3333 Part 1, 23-25 February 1998		Jung et al., SPIE,			
	·	"Adhesion Characteristics of Alicyclic I K. Nakano et al., SPIE, Vol. 3333 Part	lic Polymers for use in ArF Excimer Laser Lithography", Part 1, 23-25 February 1998, pps. 43-52				
		"Reactive ion etching of 193 nm resist of T. Wallow et al., SPIE, Vol. 3333 Part	candidates: current platforms, futu t 1, 23-25 February 1998, pps. 92-1(re requirements",)1			
EXAMINER			DATE CONSIDERED				
*EXAMINER: In	nitial if c	citation considered, whether or not citation is in confi copy of this form with next communication to applica	formance with MPEP Section 609; Draw lineant.	ne through citation if not in conformance and			

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Applicant(s): Ralph R	R. DAMMEL (NOV 2	6 2004 L	2003	3US313					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit					
10/748,778	December 29, 2003 _{AI}	EMALES NOT ASSIGNED	26,289	1752					
Invention:	<u> </u>								
РНОТО	PHOTORESIST COMPOSITION								
	"A Nov	el Polymer For A 193-nm Resist", K. N	ozaki et al.,						
l barahı, apıdif , that t	Valo	al of Photopolymer Science and Technol No. 3 (1996), pps. 509-522	logy,						
I hereby certify that t	inis	(Identify type of correspondence)							
is being deposited w	ith the United States Po	stal Service with sufficient postage as	first class mail in	an envelope					
		O. Box 1450, Alexandria, VA 22313-1	450" [37 CFR 1.8	3(a)] on					
	November 23, 2004 (Date)	 ,							
	, ,	MADIA T. 6	SANCIDEZ						
		MARIA T. S (Typed or Printed Name of Perso		'ence)					
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		(Signature of Person Mau	ling Correspondences						
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	CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Docket No.							
Application No. 10/748,778	Filing Date December 29, 2003	NOT ASSIGNED	Customer No. 26,289	Group Art Unit 1752				
Invention: PHOTO	RESIST COMPOSITION							
I hereby certify that	I-C Jung o	ycloolefin-maleic anhydride resist fo et al., SPIE, Vol. 3333 Part 1, 23-25 F						
Thereby certify that		(Identify type of correspondence)						
is being deposited v	vith the United States Posta	al Service with sufficient postage as	first class mail ir	an envelope				
addressed to "Comr	is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on November 23, 2004							
	(Date)	MARIA T. S	SANCHE7					
		(Typed or Printed Name of Person		dence)				
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Applicant(s).	10	01 2 3								
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit						
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10/748,778	December 29, 2003	NOT ASSIGNED	26,289	1752						
Invention:	Invention: PHOTORESIST COMPOSITION									
"Adhesion Characteristics of Alicyclic Polymers for use in ArF Excimer Laser Lithography", K. Nakano et al., SPIE, Vol. 3333 Part 1, 23-25 February 1998, pps. 43-52 (Identify type of correspondence)										
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	(Date)									
		MARIA T.	SANCHEZ							
		(Typed or Printed Name of Pers		lence)						
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		(Signature of Person Ma.	iling Correspondence)	5						
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Applicant(s): Ralph R	. DAMMEL (NOV 2	6 2004 H	2003	BUS313					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit					
10/748,778	December 29, 200394	NOT ASSIGNED	26,289	1752					
Invention:									
РНОТО	RESIST COMPOSITION	N							
	"Reactive i	on etching of 193 nm resist candidates: quirements", T. Wallow et al., SPIE, Vo	current platforms	,					
I hereby certify that	22.25 Eab	ruary 1998, pps. 92-101							
		(Identify type of correspondence)							
is being deposited w	vith the United States Po	ostal Service with sufficient postage as	first class mail in	an envelope					
addressed to "Comr	nissioner for Patents. P.	O. Box 1450, Alexandria, VA 22313-1	450" [37 CFR 1.8	R(a)I on					
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	(Date)								
		MARIA T. S (Typed or Printed Name of Person		lence)					
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		(Signature of Person Mai	ling Correspondence)	5					
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